

## 14. Waste Disposal

Regulations: 180 NAC 1-004, 180 NAC 3-019, 180 NAC 3-025, 180 NAC 3-030, 180 NAC 4-039

**Criteria:** *Radioactive materials must be disposed of in accordance with Agency requirements by transfer to an authorized recipient. Appropriate records must be maintained.*

Significant problems can arise from improper gauge transfer or failure to dispose of gauges in a proper and timely manner. Such problems include the possession of radioactive materials by unauthorized individuals, which could result in exposure to members of the general public. When disposing of portable gauges, licensees must transfer them to an authorized recipient. Authorized recipients are the original manufacturer of the device, a commercial firm licensed by an Agreement State or NRC to accept radioactive waste from other persons, or another specific licensee authorized to possess the licensed material (i.e., their license specifically authorizes the type, form, and quantity of the byproduct material).

Before transferring radioactive material, a licensee must verify that the recipient is properly authorized to receive it using one of the methods described in 180 NAC 3-024. In addition, all packages containing radioactive sources must be prepared and shipped in accordance with Agency and DOT regulations. Records of the transfer must be maintained as required by 180 NAC 1-004.

### **Response from Applicant:**

- “Disposal will be by transfer of the radioactive material to a licensee specifically authorized to possess it.”

**NOTE:** Because of the difficulties and costs associated with disposal of americium-241 sealed neutron sources, applicants should preplan the disposal. Applicants may want to consider contractual arrangements with the source supplier as part of a purchase agreement.